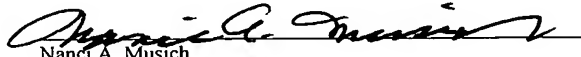


I hereby certify that this correspondence is being deposited with the US Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, Express Mailing Label No. EV 723859318 US on the date of my signature and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

09 MARCH 2006
Date


Nanci A. Musich

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

Application of

James Edmond BATEMAN and Gareth DERBYSHIRE

U.S. Serial No. Unknown
(U.S. National Phase of
PCT/GB2004/003680)

International Filing Date: 27 August 2004

"IONISING PARTICLE ANALYSER ENABLING FOR EXAMPLE THE SEPARATION OF THE
FLUORESCENT YIELD (FY) AND THE TOTAL ELECTRON YIELD (TEY) IN EXAFS
(EXTENDED X-RAY ABSORPTION FINE STRUCTURE) MEASUREMENTS"

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(b)(2)**

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A, copies of which are attached. Citation of these references is respectfully requested.

In accordance with 37 CFR 1.97(b)(2), this information disclosure statement is being filed within three months of the date of entry of the national stage as set forth in §1.491 in an international application.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,


Nicole J. Einerson
Reg. No. 57,973

File No. 063511-9088-00

Michael Best & Friedrich LLP
100 East Wisconsin Avenue, Suite 3300
414.271.6560
X:\clientb\063511\9001\A\1505641.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO <div style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div style="text-align: center; margin-top: 10px;">(use as many sheets as necessary)</div> <div style="text-align: center;">Sheet 1 of 2</div>	<div style="text-align: center;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 70%;">Application Number</td><td></td></tr> <tr><td>Filing Date</td><td></td></tr> <tr><td>First named Inventor</td><td>James Edmond Bateman</td></tr> <tr><td>Group Art Unit</td><td></td></tr> <tr><td>Examiner name</td><td></td></tr> <tr><td>Attorney Docket Number</td><td>063511-9088-00</td></tr> </table>	Application Number		Filing Date		First named Inventor	James Edmond Bateman	Group Art Unit		Examiner name		Attorney Docket Number	063511-9088-00
Application Number													
Filing Date													
First named Inventor	James Edmond Bateman												
Group Art Unit													
Examiner name													
Attorney Docket Number	063511-9088-00												
U.S. Patent Documents													

Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document

FOREIGN PATENT DOCUMENTS							
Examiner Initials		Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
		WO	9306470	European Economic Community	04/01/1993		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
	R. A. ROSENBERG, J. K. SIMONS, and S. P. FRIGO, "X-ray fluorescence detection of low-Z elements using a microchannel plate detector," <i>Review of Scientific Instruments</i> , vol. 63, no. 4, Part 1, April 1992 (1992-04), p. 2193-2194, XP002305295, 1992, American Institute of Physics.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO <div style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div style="text-align: center; margin-top: 10px;">(use as many sheets as necessary)</div> <div style="text-align: center;">Sheet 2 of 2</div>	<div style="text-align: center;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Application Number</td> <td></td> </tr> <tr> <td>Filing Date</td> <td></td> </tr> <tr> <td>First named Inventor</td> <td>James Edmond Bateman</td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Examiner name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>063511-9088-00</td> </tr> </table>	Application Number		Filing Date		First named Inventor	James Edmond Bateman	Group Art Unit		Examiner name		Attorney Docket Number	063511-9088-00
Application Number													
Filing Date													
First named Inventor	James Edmond Bateman												
Group Art Unit													
Examiner name													
Attorney Docket Number	063511-9088-00												
U.S. Patent Documents													

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
		MASOUD KASRAI ET AL, "X-ray fluorescence measurements of X-ray absorption near edge structure at the Si, P, and S L edges," <i>Journal of Vacuum Science & Technology A (Vacuum, Surfaces, and Films)</i> , vol. 11, no. 5, September-October 1993, p. 2694-2699, XP002305296, ISSN: 0734-2101, p. 2694, right-hand column, p. 2695, right-hand column, paragraph 2, American Vacuum Society, USA.
		J. E. BATEMAN ET AL, "Studies of the Gain Properties of Microstrip Gas Counters Relevant to Their Application as X-Ray and Electron Detectors," <i>IEEE Transactions on Nuclear Science</i> , vol. 49, no. 4, August 2002 (2002-08), p. 1644-1650, XP002305297, p. 1649, 2002, IEEE Nuclear and Plasma Sciences Society.
		G. TOURILLON ET AL, "Electron yield X-ray absorption spectroscopy at atmospheric pressure," <i>Physics Letters A</i> , vol. 121, no. 5, 27 April 1987, p. 251-257, XP009039581, ISSN: 0375-9601, p. 251 and p. 255, Elsevier Science Publishers B.V., The Netherlands.
		M. E. KORDESCH and R. W. HOFFMAN, "Electron-yield extended X-ray absorption fine structure with the use of a gas-flow electron detector," <i>Physical Review B (Condensed Matter) USA</i> , vol. 29, no. 1, January-June 1984, p. 491-492, XP002305299, ISSN: 0163-1829, entire document, The American Physical Society.

X:\clientb\063511\9001\A1505977.1

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450.